



AGENDA

PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday, October 15, 2014 – 5:00 PM
Utilities Yard

19021 Huntington Street
Huntington Beach, CA 92648

A. PLEDGE OF ALLEGIANCE

ROLL CALL

Berge, Brenden, Carr, Cook,
McGovern, Strook, Thomas

B. PRESENTATIONS-COMMENDATIONS

C. MINUTES

C-1. Minutes of September 17, 2014

D. ORAL COMMUNICATIONS

Public Comments – the Public Works Commission welcomes public comments on all items on this agenda or of community interest. **Three minutes per person**, time may not be donated to others. Commission on this date can take no action on any item not on the agenda. This is the time to address Commission regarding items of interest or agenda items other than public hearings. Communications on agenda items will be scheduled such that public comments may be received as close to 5:00 p.m. as possible.

E. DIRECTOR'S ITEMS

E-1. City-owned Streetlight and Parking Lot LED Lighting presentation

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions - The City Council conducts public Study Sessions on the evenings of City Council meetings, normally beginning at 4:00 p.m., in Room B-8. A tentative listing of upcoming sessions is submitted for the Commission's information.

AGENDA
PUBLIC WORKS COMMISSION
Wednesday, October 15, 2014
PAGE 2

- F-2. Active Capital Project Report – An update on active capital projects is presented for the Commission’s information. Project information, including description, location maps and funding sources can be found in the FY 2013/14 Capital Improvement Program notebook, or on the city’s website under Government, Current [Budget](#) information.
- F-3. Lake Street Bicycle Treatments and Downtown Bicycle Parking Project- Plans and Specifications for CC-1468, the installation of Lake Street bicycle treatments (between Orange Avenue and Pecan Avenue), and bike racks at four locations in the downtown area, are in final preparation. Staff is presenting this project as a general information item to the Commission.

G. ADMINISTRATIVE ITEMS

- G-1. Traffic Signal Modifications on Magnolia/Yorktown and Bushard/Adams- Plans and Specifications are in final preparation for the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue. Included with this project, traffic signal interconnect will be installed for communication along Magnolia Street from the traffic signal at the Home Depot to Adams Avenue and along Adams Avenue from Magnolia Street to the traffic signal at the Target driveway. Staff requests approval that the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue along with the interconnect installation, CC-1464, is in general conformance with the previously approved Capital Improvement Program (CIP).

Funding Source: Funds in the amount of \$847,000 were included in the Fiscal Year 2014/2015 CIP. Funding is \$762,300 from a federal Highway Safety Improvement Program (HSIP) grant, Account No. 99585001.82700, with matching Proposition 42 funds of \$84,700, Account No. 21990422.82700.

Recommended Action: Motion to approve that the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue along with the interconnect installation, CC-1464, is in general conformance with the previously approved Capital Improvement Program (CIP).

H. WRITTEN COMMUNICATIONS

I. COMMISSION AND STAFF COMMENTS

AGENDA
PUBLIC WORKS COMMISSION
Wednesday, October 15, 2014
PAGE 3

J. ADJOURNMENT

<p>NEXT PUBLIC WORKS COMMISSION MEETING <i>November 19, 2014, 5:00 PM, Utilities Yard</i></p>



MINUTES

CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION SEPTEMBER 17, 2014

**Call to Order/
Pledge of Allegiance:** The meeting was called to order at 5:00 p.m. by Chairperson Brenden, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

Commissioners Absent: Commissioner McGovern

Commissioners Present: Commissioners Brenden, Carr, Berge, Cook, McGovern, Strook and Thomas were in attendance.

Others Present: Travis Hopkins, Director of Public Works
Tom Herbel, City Engineer
Bob Stachelski, Transportation Manager
Duncan Lee, Principal Civil Engineer
Joe Fuentes, Civil Engineering Assistant
Bill Janusz, Principal Civil Engineer
Ken Dills, Project Manager
Kirsty Wapner, Administrative Assistant
Joan Flynn, City Clerk
John Griffin, Sr. Construction Inspector

B. PRESENTATIONS-COMMENDATIONS

City Clerk, Joan Flynn administered the oath of office to Commissioner Donn Strook.

C. MINUTES

C-1. Motion by Commissioner Thomas, seconded by Commissioner Carr to approve the minutes of July 23, 2014 as presented.

VOTE: The motion carried.
AYES: 5
NOES: 0
ABSENT: 1 (McGovern)
ABSTENTIONS: 1 (Strook)

D. ORAL COMMUNICATIONS

None

E. DIRECTOR'S ITEMS

None

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions – It was noted the Downtown Task Force-alcohol regulations and parking items were presented on Monday. Vacation Rentals and Parks & Recreation Master Plan will be presented on October 20. The optimization of disinfection practices to OCSD's ocean outfall is being presented on November 3.

F-2. Active Capital Project Report – Tom Herbel provided updates on the capital project report.

- Atlanta Avenue Widening - Eight coaches have been purchased from the owners in the trailer park. Right-of-Way acquisition efforts are ongoing.
- Arterial Rehab- Argosy, Yorktown and 6th Street- Yorktown has been freshly paved and striping to be completed over the next couple nights. Argosy is under construction. 6th Street will be last.
- Residential Pavement Rehab Zone 11- Construction is underway and should be done in 3-4 weeks.
- Meredith Pump Station Expansion- completed.
- City Council Chambers Renovation- completed.
- WAGS- The contractor is out of PCH now. Caltrans will soon be paving PCH from Goldenwest to Warner.

Commissioner Berge asked about work being done on Newland. Mr. Herbel noted that is SCE work. Commissioner Thomas asked about WAGS with regard to the lift station currently under construction. Mr. Herbel noted it should be completed in about three months. Commissioner Cook inquired about traffic signal synchronization. Bob Stachelski noted it is programmed in the office. Many factors affect the ability to have all lights working as public may expect. He noted that 4-5 lights synched up is good for goal. OCTA has criteria for signal synchronization. Only a few streets qualify for OCTA grant funds for these efforts.

G. ADMINISTRATIVE ITEMS

- G-1. Well 5 Security Improvement Project- Duncan Lee reported on security improvements at Well 5. This is the first of the City's wells to have this level of security. Video cameras will be installed and will be motion censored, which triggers an alarm. Either the Police Department or private security firm will monitor. This is funded through the water fund.

Motion by Commissioner Brenden, seconded by Commissioner Thomas, to recommend to approval that the Well 5 Security Improvement Project is in general conformance with the previously approved CIP.

VOTE: The motion carried.
AYES: 6
NOES: 0
ABSENT: 1 (McGovern)
ABSTENTIONS: 0

- G-2. Curb Access Ramps Project- Joe Fuentes presented the plans and specs for installation of 45 curb access ramps throughout the City, using Community Development Block Grant (CDBG) funds. CDBG funds are used for ADA grants and CDBG areas (ie- Oakview). The 45 locations currently do not have curb access ramps. The latest change to requirements on curb ramps was done in 2005.

Motion by Commissioner Berge, seconded by Commissioner Cook, to authorize initiation of the competitive bid process for Curb Access Ramps Project.

VOTE: The motion carried.
AYES: 6
NOES: 0
ABSENT: 1 (McGovern)
ABSTENTIONS: 0

- G-3. Traffic Signal Equipment Replacement at Intersection of Bolsa Chica Street and Bolsa Avenue- Bill Janusz reported there are issues with the conduits, maintenance issues and constraints at the intersection of Bolsa Chica Street and Bolsa Avenue. This project would replace equipment and be brought into conformance with standards. The estimate for this project is \$190,000. Travis Hopkins stated that Prop 42 is similar to Gas Tax. It is transportation funds that we can use for other things in right-of-way. Commissioner Strook asked whether this signal was on the Department's priority list. Bob Stachelski stated that the priority list is only for new traffic signals at currently unsignalized intersections.

Motion by Commissioner Cook, seconded by Commissioner Berge, to recommend to the City Council the approval of the Fiscal Year 2014/15 Capital Improvement Program.

VOTE: The motion carried.
AYES: 6
NOES: 0
ABSENT: 1 (McGovern)
ABSTENTIONS: 0

H. WRITTEN COMMUNICATIONS

None.

I. COMMISSION AND STAFF COMMENTS

Chair Brenden welcomed Commissioner Donn Strook to the Commission.

J. ADJOURNMENT

The meeting adjourned at 5:40 PM to October 15, 2014 at 5:00 PM at the Utilities Yard.

Pat Brenden
Chairperson

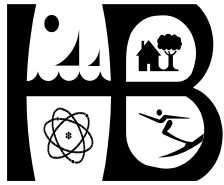
Kirsty Wapner
Administrative Assistant



~2014~ CITY COUNCIL STUDY SESSIONS & SPECIAL SESSIONS

*This information is for agenda scheduling purposes only and is subject to change on a daily basis.
Subjects listed below are not guaranteed to appear on a City Council agenda.*

COUNCIL MEETING	STATUS	SUBJECT	DEPT HEAD
2014			
Jan. 21, 2014		<i>Bolsa Chica</i>	<i>Wilson</i>
Feb. 3, 2014		<i>IAB (Investment Advisory Board) Joint Study Session</i>	<i>Cutchen</i>
Feb. 18, 2014		<i>Street Light Update</i>	<i>Wilson</i>
March 3, 2014		<i>Harbor Dredging Study Results</i>	<i>Hopkins</i>
March 17, 2014		<i>OC Plan to End Homelessness</i>	<i>Wilson</i>
April 7, 2014		<i><u>PERS Actuarial Update — Bartol</u></i> <i><u>AES Visual Enhancements</u></i>	<i><u>Farrell</u></i> <i><u>Hess</u></i>
April 21, 2014		<i>Down Town Task Force Recommendations</i>	<i>Fritzal</i>
May 5, 2014		<i>New Senior Center</i>	<i>Laudenback</i>
May 19, 2014		<i>Mid-year Budget Update</i>	<i>Farrell</i>
June 2, 2014		<i>Joint meeting of the Citizen Participation Advisory Board (CPAB) and City Council to review recommendations for the 2014/2015 Action Plan for the Community Development Block Grant (CDBG) and HOME Investment Partnership Program (HOME)</i>	<i>Slifman/Fritzal</i>
June 16, 2014		<i>Downtown Task Force Recommendations</i>	<i>Wilson</i>
July 7, 2014		1. <i>VHB Bid Proposal</i> 2. <i>Bolsa Chica Annexation</i>	<i>Fritzal</i> <i>Baker/Wilson</i>
July 21, 2014		<i>FY 2014/15 Proposed Budget Presentation</i>	<i>Farrell</i>
Aug. 4, 2014		1. <i>CIP</i> 2. <i>Budget Review</i>	<i>Hopkins</i> <i>Farrell</i>
Aug. 18, 2014		<i>Economic Development Strategy</i>	<i>Fritzal</i>
Sept. 2, 2014		<i>General Plan Update Vision (Consultant Presenting)</i>	<i>Hess</i>
Sept. 15, 2014		1. <i>DTTF — Alcohol Regulations</i> 2. <i>DTTF — Parking</i>	<i>Hess</i> <i>Fritzal</i>
Oct. 6, 2014		<i>Economic Development Strategy</i>	<i>Fritzal</i>
Oct. 20, 2014		1. <i>Vacation Rentals</i> 2. <i>Parks & Rec Master Plan</i>	<i>McGrath</i> <i>Laudenback</i>
Nov. 3, 2014		<i>Optimization of disinfection practices to OCSD's ocean outfall</i>	<i>Hopkins</i>
Nov. 17, 2014			
Dec. 1, 2014		Mayoral Transition	
Dec. 15, 2014			



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
INFORMATION ITEM**

Item No. PWC

SUBMITTED TO: Chair Brenden and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works

DATE: October 15, 2014

SUBJECT: Lake Street Bicycle Treatments and Downtown Bicycle Parking Project, CC-1468

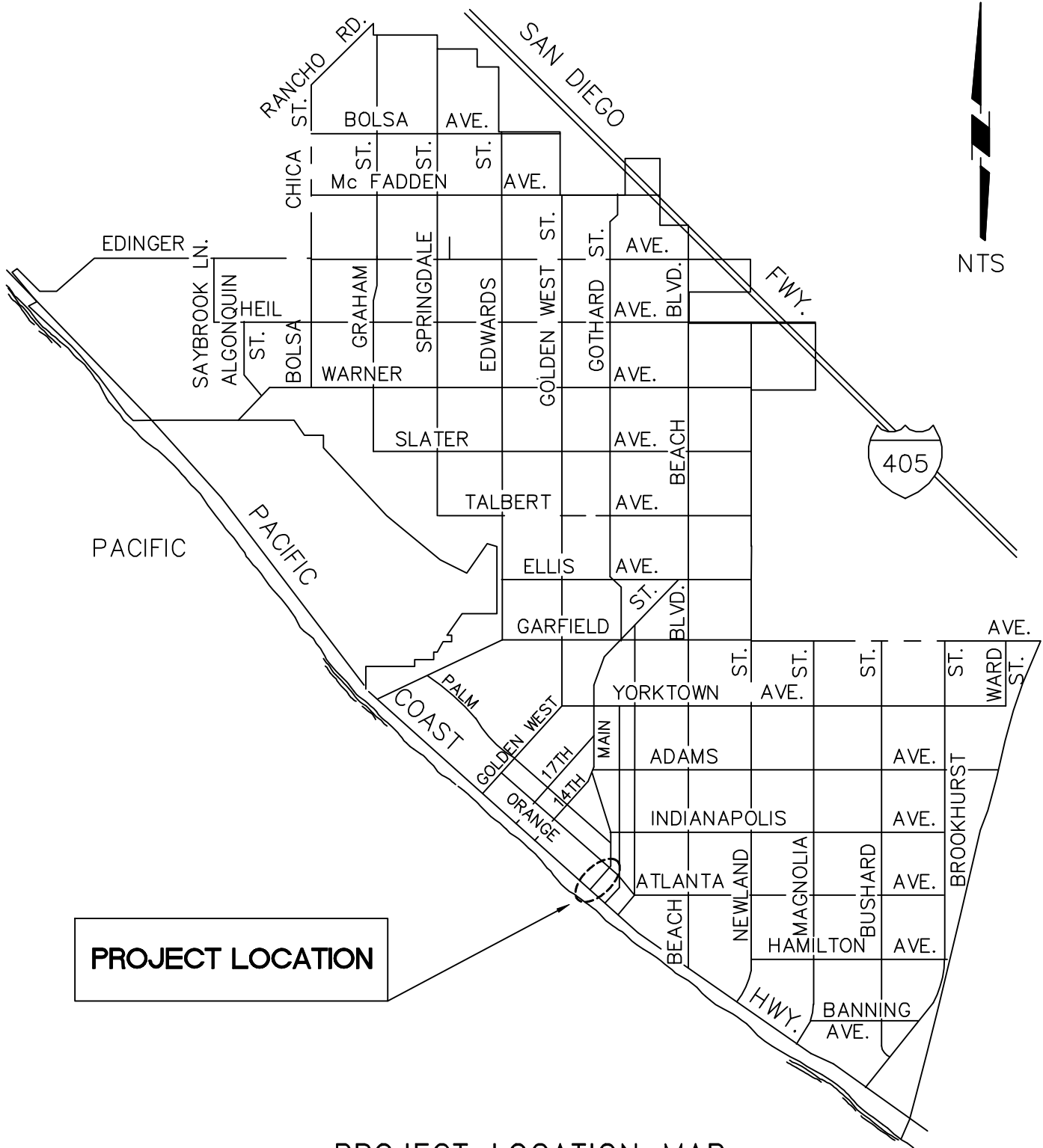
Analysis: In April 2012, an application was submitted by staff for the 2012 Bicycle Corridor Improvement Program call for projects. The Bicycle Corridor Improvement Program is a Federal Congestion and Air Quality funded program authorized under the Intermodal Surface Transportation Efficiency Act. The Orange County Transportation Authority is responsible for selecting the projects for Orange County and working with the California Department of Transportation in program administration. Based on recommendations from the Bicycle Advisory Committee, the application requested funding for bicycle related treatments on Lake Street between Pecan Avenue and Orange Avenue, along with installation of bike racks downtown. In August 2012, the OCTA board approved funding of up to \$37,030 for the project, with the City's Local Match of \$5,500.

The section of Lake Street, south of Pecan Avenue, narrows significantly and the existing bike lane north of Pecan Avenue is dropped due to the lack of street width. The project enhances bicycle signs and markings in this section through the use of sharrow markings, "share the road" and "bikes may use full lane" signs. Additionally, 156 bike rack spaces will be installed with this project in four locations near downtown. One location will install 98 bike rack spaces under the base of the pier. Two existing on-street parking spaces on Main Street will be converted to bike parking areas accommodating 24 spaces at one location and 18 spaces at the other. The last location is on Orange Avenue next to the Jax bike shop, where space for 19 bikes will be provided.

The project is not included in the CIP since it does not meet the funding threshold for a CIP project. However, it will require a full formal bidding process in accordance with the Federal funding requirements.

Attachments:

1. Location Map



PROJECT LOCATION MAP

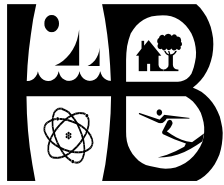
CITY OF HUNTINGTON BEACH * PUBLIC WORKS



LAKE STREET BICYCLE TREATMENTS &
DOWNTOWN BICYCLE PARKING, CC-1468

ATTACHMENT

1



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 14-21

SUBMITTED TO: Chair Brenden and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works

DATE: October 15, 2014

SUBJECT: Traffic Signal Modifications and Interconnect Installations at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue, CC-1464

Statement of Issue: Plans and Specifications are in final preparation for the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue. Included with this project, traffic signal interconnect will be installed for communication along Magnolia Street from the traffic signal at the Home Depot to Adams Avenue and along Adams Avenue from Magnolia Street to the traffic signal at the Target driveway. Staff requests approval that the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue along with the interconnect installation, CC-1464, is in general conformance with the previously approved Capital Improvement Program (CIP).

Funding Source: Funds in the amount of \$847,000 were included in the Fiscal Year 2014/2015 CIP. Funding is \$762,300 from a federal Highway Safety Improvement Program (HSIP) grant, Account No. 99585001.82700, with matching Proposition 42 funds of \$84,700, Account No. 21990422.82700.

Impact on Future Maintenance Costs: The installation of approximately 2 miles of new conduit and interconnect cable will result in a slightly increased maintenance responsibility. This will be offset by the removal of radios which are currently utilized for communication between these intersections. The overall change in maintenance costs is negligible.

Recommended Action: Motion to approve that the traffic signal modifications at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue along with the interconnect installation, CC-1464, is in

general conformance with the previously approved Capital Improvement Program (CIP).

Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: In May 2012, the City of Huntington Beach applied for federal Highway Safety Improvement Program (HSIP) grants to install left turn phasing improvements at the intersections of Magnolia Street and Yorktown Avenue and at Bushard Street and Adams Avenue. Included with these grants is the installation of traffic signal interconnect cable and conduit along Magnolia Street from the Home Depot driveway to Adams Avenue and along Adams Avenue from Magnolia Street to the traffic signal at the Target Driveway. The primary rating factor for these grant applications is the potential for these improvements to improve safety at these intersections based on the past collision history.

The intersection of Magnolia Street and Yorktown Avenue was identified in the Citywide Left Turn Phasing Study as being a candidate for left turn phasing in all directions. Subsequent to the completion of the Citywide Left Turn Phasing Study in 2011, collision activity at Bushard Street and Adams Avenue has also indicated that the left turn movements on Adams Avenue are candidates for full protection. At the intersection of Magnolia Street and Yorktown Avenue, 54 collisions were recorded from January 2009 until September 2014 with 24 left turn collisions identified as being correctible with the installation of left turn arrows. At the intersection of Adams Avenue and Bushard Street, 56 collisions were recorded from during this time period, with twelve of these being left turn collisions identified as being correctible by the installation of protected left turn phasing. One of these collisions resulted in a fatality.

The California Manual of Uniform Traffic Control Devices (MUTCD) states that left turn arrows may be considered when five or more left turn collisions occur within a recent twelve month period which could be correctible by the installation of left turn arrows. Both of these intersections met this criteria. The east-west left turns on Adams Avenue at Bushard Street currently operate in a protected-permissive manner, where after an initial left turn arrow, the vehicles may continue to make left turns on a circular green while yielding to opposing through traffic. Considering the collisions that are occurring, this intersection will operate where left turns may only be made on a left turn arrow.

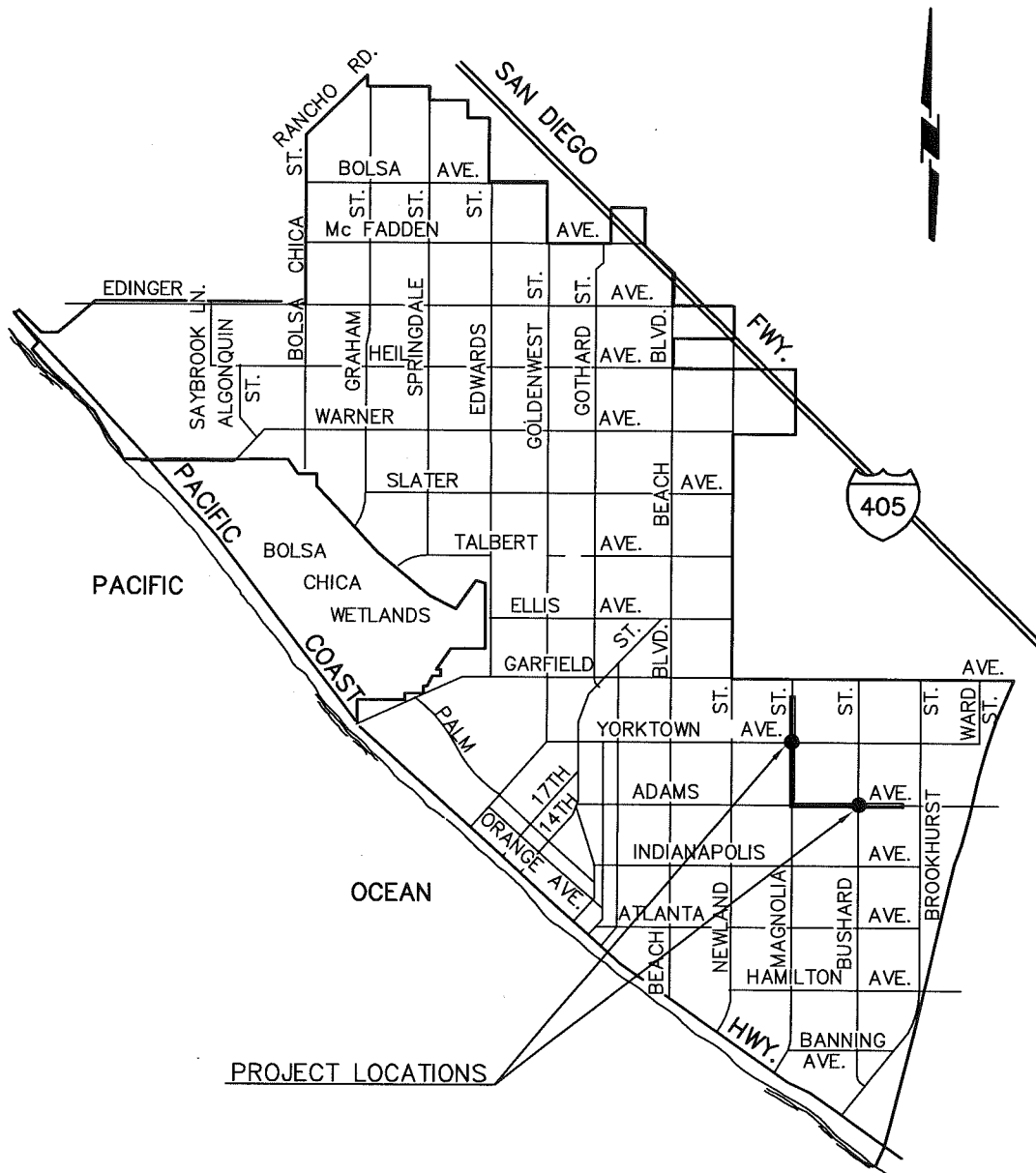
This project also includes the installation of conduit and interconnect cable. This interconnect provides the communications and control between the traffic signal master located in City Hall and the individual traffic signal controllers at the intersections. These new segments of conduit and interconnect cable will replace existing radio-based communication, which has had maintenance concerns over the years with intermittent or worse interruptions to communication.

The engineers estimate for this project is \$790,000.

Construction is anticipated to begin in May 2015.

Attachments:

1. Location Map



CITY OF HUNTINGTON BEACH * PUBLIC WORKS * TRAFFIC ENGINEERING



LOCATION MAP
ADAMS AVENUE AT BUSHARD STREET
MAGNOLIA STREET AT YORKTOWN AVENUE

ATTACHMENT

1